

# **THIRD-PARTY MECHANICAL INSPECTION PROGRAM**

## **MECHANICAL INSPECTOR QUALIFICATIONS**

- 1. Inspection Agency Qualifications**
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  - 2.1. Mechanical Professional-in-charge**
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## **FULL SCOPE OF MECHANICAL INSPECTIONS**

**GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS  
BUILDING AND LAND REGULATION ADMINISTRATION**

**October 2002**

## **1. INSPECTION AGENCY QUALIFICATIONS**

Before an Inspection Agency is allowed to perform inspection duties under this Procedure, it shall provide the Administrator with documented evidence that it complies with the minimum requirements set forth hereafter. The Inspection Agency shall have a qualified Professional-in-charge and sufficient qualified inspectors in the inspection discipline, as established in the subsequent sections.

## **2. QUALIFICATIONS OF THE PROFESSIONAL-IN-CHARGE**

Minimum qualifications for the engineer(s) or architect(s) serving as Professional-in-charge of the certification of any part of the Project, under this Program, shall be as specified in the subsection that follows.

## 2.1. MECHANICAL PROFESSIONAL-IN-CHARGE

The Registered Professional-in-Charge of the Project employed by the Inspection Agency, responsible for overseeing the performance of Mechanical inspection duties under this Procedure and certifying the inspection, shall demonstrate possession of any of the two (2) combinations of knowledge, certification and experience listed in the following table:

<b>MECHANICAL PROFESSIONAL-IN-CHARGE QUALIFICATION CRITERIA</b>	<b>COMBINATION 1</b>	<b>COMBINATION 2</b>
<b>Demonstrated knowledge of the sections of the D.C. Construction Codes pertinent to mechanical systems, including its administrative provisions, and the Mechanical Code</b>	✓	✓
<b>Current registration in the District of Columbia as a Professional Engineer</b>	✓	
<b>Current registration in the District of Columbia as an Architect</b>		✓
<b>Documented minimum experience of three (3) years in the field of mechanical engineering or mechanical systems design and layout.</b>	✓	✓

## 3. INSPECTOR QUALIFICATIONS

Minimum qualifications for inspectors engaged under this Program shall be as specified in the subsection that follows. Inspectors performing duties under this Procedure, whether employees or subcontractors of the Inspection Agency, shall perform the inspections under the direct supervision of the registered Professional-in-charge.

### 3.1 MECHANICAL INSPECTOR

Any employee or subcontractor of the Inspection Agency performing Mechanical inspection duties under this Procedure shall demonstrate possession of any of the four (4) combinations of knowledge, certification and experience listed in the following table:

<b>MECHANICAL INSPECTOR QUALIFICATION CRITERIA</b>	<b>COMBINATION 1</b>	<b>COMBINATION 2</b>	<b>COMBINATION 3</b>	<b>COMBINATION 4</b>
<b>Demonstrated knowledge of the D.C. Mechanical Code and other sections of the D.C. Construction Codes pertinent to the systems and fixtures under inspection, including its administrative provisions</b>	✓	✓	✓	✓
<b>Certified NCPCCI Mechanical Inspector</b>	✓			

<b>MECHANICAL INSPECTOR QUALIFICATION CRITERIA</b>	<b><i>COMBINATION 1</i></b>	<b><i>COMBINATION 2</i></b>	<b><i>COMBINATION 3</i></b>	<b><i>COMBINATION 4</i></b>
Minimum of (2) years of documented experience in code compliance inspection of mechanical systems in a jurisdiction using any of the national model codes	✓			
Minimum of four (4) years of documented experience in code compliance inspection of mechanical systems in a jurisdiction using any of the national model codes		✓		
Minimum of three (3) years of documented experience in design of mechanical systems under the direction of a registered professional engineer			✓	
Minimum of two (2) years of documented experience in design of mechanical systems at the level of engineer-in-training (EIT) or higher				✓